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WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

December 12, 2012

TO: Internal File

THRU: Steve Christensen, Permit Supervisor SHC

FROM: April Abate, Environmental Scientist III AAA 12-13-2012

RE: 2011 Fourth Quarter Water Monitoring, Canyon Fuel Company, Banning Siding Loadout, C/007/0034, WQ12-2, Task ID #4109

The Banning Siding Loadout has been in temporary cessation since 2000. Pertinent water monitoring requirement information is in the MRP in Sections 731.210, and 731.220.

1. Was data submitted for all of the MRP required sites? YES ☒ NO ☐

Springs

The Permittee is not required to monitor any springs at the Banning Siding Loadout.

Streams

The Permittee is not required to monitor any streams at the Banning Siding Loadout.

Wells

During temporary cessation, the Permittee is required to sample the "Truck Dump Sump during the "late fall."

The Truck Dump Sump was not required to be monitored this quarter.

UPDES

There are two active UPDES sites at the Banning Siding Loadout representing the primary and emergency spillways for the sedimentation pond. They are both under the permit #UTG040011. The Permittee is required to monitor each UPDES site monthly.

The Permittee monitored all UPDES sites as required during this quarter. ***None of the UPDES sites recorded any flow during the period.***

2. Were all required parameters reported for each site? YES ☐ NO ☐

Not applicable this quarter

3. Were any irregularities found in the data? YES ☐ NO ☐

Not applicable this quarter

4. On what date does the MRP require a five-year re-sampling of baseline water data.

The MRP does not contain a commitment for re-sampling of baseline water data.

5. Based on your review, what further actions, if any, do you recommend?

The Permittee is sampling the sump on a quarterly basis; however, according to the water monitoring protocol, the truck dump sump is only required to be sampled in the late fall. The Permittee may also want to consider petitioning for a UPDES permit change to monitor the sediment pond on a quarterly basis instead of monthly. According to analytical data records dating back to 1981, the sediment pond has never had a discharge.

According to a memo authored by Steve Christensen, (M:\FILES\COAL\PERMITS\007\C0070034\2011\INTERNAL) the disturbed area reporting to the sediment pond has been stabilized and revegitated and is awaiting approval for removal from the Division. There is no specific timetable set up for reclamation of the sediment pond in the MRP.